

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:

101S18,057A

Source:

JFwp

Date Processed by STIC:

1/16/07

ENTERED



IFWP

RAW SEQUENCE LISTING DATE: 01/16/2007
PATENT APPLICATION: US/10/518,057A **TIME:** 14:59:36

Input Set : A:\sequence listing.txt
Output Set: N:\CRF4\01162007\J518057A.raw

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3 <110> APPLICANT: TAKARA BIO INC.
4   SAKAI, Takeshi
5   ISHIZUKA, Kumiko
6   KATO, Ikunoshin
8 <120> TITLE OF INVENTION: ENZYME FOR DIGESTING SULFATED FUCAN FROM SEACUCUMBER
10 <130> FILE REFERENCE: SAKAI17
12 <140> CURRENT APPLICATION NUMBER: 10/518,057A
13 <141> CURRENT FILING DATE: 2004-12-16
15 <150> PRIOR APPLICATION NUMBER: JP 2002-180490
16 <151> PRIOR FILING DATE: 2002-06-20
18 <150> PRIOR APPLICATION NUMBER: JP 2002-239843
19 <151> PRIOR FILING DATE: 2002-08-20
21 <150> PRIOR APPLICATION NUMBER: PCT/JP03/07838
22 <151> PRIOR FILING DATE: 2003-06-20
24 <160> NUMBER OF SEQ ID NOS: 1
26 <170> SOFTWARE: PatentIn version 3.3
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 1521
30 <212> TYPE: DNA
31 <213> ORGANISM: Fucoidanobacter marinus SI-0098
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35 <221> NAME/KEY: misc_feature
36 <222> LOCATION: (158)..(158)
37 <223> OTHER INFORMATION: n is a, c, g, or t
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40 <221> NAME/KEY: misc_feature
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42 <223> OTHER INFORMATION: n is a, c, g, or t
44 <220> FEATURE:
45 <221> NAME/KEY: misc_feature
46 <222> LOCATION: (295)..(295)
47 <223> OTHER INFORMATION: n is a, c, g, or t
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W--> 54 aaagaaccta cccttatgtg ggggataget caccgaangg tgaattaata ccgcattgtgg 180
56 tctctttca catgaagagt acactnaagc tggggacctt cgggcctggc gcataaggag 240
58 ggctttcggt cctatcagct tggtggtag gtaacggctc accaaggcaa agacnggtag 300
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62 ggcagcagtt tcgaatctt cacaatgggc gaaagcctga tggagcaacg ccgcgtgggg 420
64 gatgaaggcc ttccgggttgt aaacccctgt caccaaggat aaaacgtaat ctattaatac 480
66 taggttgcct gatgttaacct ggagaggaag gagtggtctaa ctctgtgcca gcagccgcgg 540
68 taatacagag actccaagcg ttattcggat tcactggcg taaaggagc gcaggcggcc 600

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70	agatgtgtca gaggtgaaat accgcagctt aactgtagaa ctgccttga aactatctgg	660
72	ctagagtatc ggagaggtaa gcggaattcc aggtgttagca gtgaaatgcg tagatatctg	720
74	gaggaacacc aatggcgaag gcagcttact ggacgattac tgacgcttag gctcgaaagc	780
76	atggggagcg aaagggatta gatacccctg tagtccatgc cgtaaacgtt gttcaactagg	840
78	tatcgccgaca ttgcaccgtc tcggtgctca agctaacgcg ataagtgaac cgcctgagga	900
80	ctacggccgc aaggctaaaa ctcaaaggaa ttgacggag cctgcacaag cggtggagca	960
82	tgtggcttaa ttcgatgcaa cgcgagaac cttacctagg cttgacatgc agtggaccgg	1020
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86	cgtgtcgta gatgttttgt taagtccagc aacgagcgca accctgcga ctatgtccca	1140
88	gcattaagtt ggggactcta gtgggacaaa ctctctctga gagtgggaaag gtggggacga	1200
90	cgtcaagtca gtatgccct tacgtctagg gctgcacacg tgctacaatg cccggtagac	1260
92	aggcacgcga taccgcgagg tggagcaaat ccttaaagcc gggcccagtt cagattggag	1320
94	tctgcaactc gactccatga agtttgaatc gctagtaatg ggcgcacatcgc tatggcccg	1380
96	tgaatacgtt cccaggcctt gtacacaccc cccgtcacgt tatggaaagcc ggtttgccc	1440
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 158,206,295

VERIFICATION SUMMARY

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L:54 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:120

M:341 Repeated in SeqNo=1